

Abstract

In a linear rolling bearing comprising a guide rail (1) and a guide carriage (2) that partially surrounds the guide rail (1) and is supported for sliding through rolling elements (3) on two long sides of the guide rail (1), the rolling elements (3) being arranged on each of the two long sides in at least two parallel, endlessly recirculating rows (4, 5) of rolling elements (3) while a spacer (6) is inserted between every two successive rolling elements (3) of a row (4, 5), on each long side of the guide rail (1), a common spacer (7) for both rows (4, 5) is inserted between every two adjacent rolling elements (3) of the one row (4) and between every two adjacent rolling elements (3) of the other row (5).